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## RAW SEQUENCE LISTING

DATE: 07/15/2002

PATENT APPLICATION: US/10/045,631A

TIME: 12:05:51

Input Set : A:\20552410.app

Output Set: N:\CRF3\07152002\J045631A.raw

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3 <110> APPLICANT: Beraud, Christophe
4      Ohashi, Cara
5      Sakowicz, Roman
6      Vaisberg, Eugeni
7      Wood, Ken
8      Yu, Ming
9      Cytokinetics, Inc.
11 <120> TITLE OF INVENTION: HUMAN KINESINS AND METHODS OF PRODUCING AND PURIFYING
12      HUMAN KINESINS
14 <130> FILE REFERENCE: 020552-000410US
16 <140> CURRENT APPLICATION NUMBER: 10/045,631A
17 <141> CURRENT FILING DATE: 2001-10-19
19 <150> PRIOR APPLICATION NUMBER: WO PCT/US00/10870
20 <151> PRIOR FILING DATE: 2000-04-20
22 <150> PRIOR APPLICATION NUMBER: US 09/295,612
23 <151> PRIOR FILING DATE: 1999-04-20
25 <160> NUMBER OF SEQ ID NOS: 87
27 <170> SOFTWARE: PatentIn Ver. 2.1
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31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence: 3' Primer for
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48 <223> OTHER INFORMATION: Description of Artificial Sequence: Chromokinesin
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60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: Chromokinesin
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78 attgattacc cagttatcgg                                20
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82 <211> LENGTH: 20
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: Chromokinesin
88     3' Primer (spanning 1032-3326)
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91 tgatgactcc aacttcagtg                                20
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95 <211> LENGTH: 25
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence: Kin-2 5'
101     Primer (spanning 2-2088)
103 <400> SEQUENCE: 6
104 gccgaataca tcaagcaatg gtaac                        25
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108 <211> LENGTH: 25
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Kin-2 3' Primer
114     (spanning 2-2088)
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117 tctgggtatc ctttagcagc aaatg                        25
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121 <211> LENGTH: 25
122 <212> TYPE: DNA
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125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: MKLP1 5'
127     Primer (spanning 73-2078)
129 <400> SEQUENCE: 8
130 agccatgttg tcagcgagag ctaag                        25
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 28

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148 <212> TYPE: DNA
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161 <212> TYPE: DNA
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164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: KSP 3' Primer
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169 aaaggttgat ctgggctcgc agagg                    25
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174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
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178 <223> OTHER INFORMATION: Description of Artificial Sequence: MCAK 5' Primer
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186 <211> LENGTH: 25
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188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: MCAK 3' Primer
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217 <223> OTHER INFORMATION: Description of Artificial Sequence: Kid 3' Primer
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226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence: Kid 5' Primer
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239 <212> TYPE: DNA
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255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: HSET 5' Primer
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264 <211> LENGTH: 23
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266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: HSET 3' Primer
270      (spanning 213-1624)
272 <400> SEQUENCE: 19
273 caccctcac ccgatacata gac                                23
276 <210> SEQ ID NO: 20

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277 <211> LENGTH: 20
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285 <400> SEQUENCE: 20
286 gggctccac tactgcgagg                                20
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290 <211> LENGTH: 20
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: ATSV 3' Primer
296     (spanning 21-2311)
298 <400> SEQUENCE: 21
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303 <211> LENGTH: 42
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence: Sense oligo
309     for pET23dmyc
311 <400> SEQUENCE: 22
312 tcgagggtac cgagcagaag ctgatcagcg aggaggacct ga      42
315 <210> SEQ ID NO: 23
316 <211> LENGTH: 42
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence: Antisense
322     oligo for pET23dmyc
324 <400> SEQUENCE: 23
325 tcgatcaggt cctcctcgct gatcagcttc tgctcggtac cc      42
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329 <211> LENGTH: 27
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence: K335 5' Primer
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340 <210> SEQ ID NO: 25
341 <211> LENGTH: 24
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
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VERIFICATION SUMMARY

DATE: 07/15/2002

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